



Code for Facilities, Technology and Inspection for Manufacturing of Cryogenic Gas Cylinders

Deliberation/Resolution by Gas Technical Standards Committee : December 14, 2018

Approval by the Ministry of Trade, Industry & Energy : January 16, 2019

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History of Establishment and Revision of KGS Code

Code Number	KGS AC213 ²⁰¹⁹
Code Title	Code for Facilities, Technology and Inspection for Manufacturing of Cryogenic Gas Cylinders

Date of Establishment/Revision	Description
December 30, 2008	Established (Notification of the Ministry of Knowledge Economy No. 2008-379)
May 15, 2009	Revised (Notification of the Ministry of Knowledge Economy No. 2009-193)
June 29, 2009	Revised (Notification of the Ministry of Knowledge Economy No. 2009-250)
January 6, 2010	Revised (Notification of the Ministry of Knowledge Economy No. 2009-480)
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May 25, 2011	Revised (Notification of the Ministry of Knowledge Economy No. 2011-261)
June 26, 2012	Revised (Notification of the Ministry of Knowledge Economy No. 2012-313)
December 28, 2012	Revised (Notification of the Ministry of Knowledge Economy No. 2012-549)
May 20, 2013	Revised (Notification of the Ministry of Knowledge Economy No. 2013-087)
December 31, 2013	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2013-353)
November 17, 2014	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2014-589)
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January 8, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2016-6)
July 11, 2016	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2016-354)
January 16, 2019	Revised (Notification of the Ministry of Trade, Industry & Energy No. 2019-026)

Table of Contents

1. General.....	1
1.1 Scope.....	1
1.2 Validity of Code.....	1
1.3 Reference Codes and Standards	1
1.3.1 Inspection standard for new technology products	1
1.3.2 Manufacturing registration of foreign cylinders.....	2
1.4 Definitions.....	2
1.5 Application of Codes and Standards.....	4
2. Manufacturing Installation Standard.....	4
2.1 Manufacturing Facilities.....	4
2.2 Inspection Facilities.....	5
3. Manufacturing Technology Standard.....	5
3.1 Design (currently not used).....	5
3.2 Materials	5
3.3 Thickness	6
3.4 Construction and Dimensions (currently not used)	8
3.5 Fabrication (currently not used)	8
3.6 Welding.....	8
3.7 Heat Treatment (currently not used).....	9
3.8 Performance (currently not used).....	9
3.9 Painting (currently not used)	9
3.10 Attachment of Safety Devices.....	9
3.11 Attachment of Accessories.....	9
3.12 Coloring and Marking	9
3.12.1 Color painting on external surface of cylinders	10
3.12.2 Marking of kinds of gas.....	10
3.12.3 Product marking.....	12
3.12.4 Marking of acceptance.....	12
4. Inspection Standard	13
4.1 Kinds of Inspection	13
4.1.1 Manufacturing installation inspection	13

4.1.2 Product inspection	13
4.2 Object Audit of Process Inspection	15
4.2.1 Application for audit.....	15
4.2.2 Audit method.....	15
4.2.3 Adjudication committee.....	16
4.3 Inspection Items.....	17
4.3.1 Manufacturing installation inspection	17
4.3.2 Product inspection.....	17
4.4 Inspection Methods.....	20
4.4.1 Manufacturing installation inspection	20
4.4.2 Product inspection.....	20
4.5 Other Inspection Standards.....	40
4.5.1 Inspection of imported goods (currently not used)	40
4.5.2 Partial omission of inspection	40
4.5.3 Disposal of rejected products.....	41
5. Retest Standard (Not Applicable)	41
6. Other Manufacturing and Inspection Standards.....	42
6.1 Exception of Manufacturing Registration of Foreign Cylinders.....	42
Appendix A Material Curves for Calculation of Shell Thickness for Cylindrical or Spherical Shell under External Pressure.....	43
Appendix B General Standard for Operation of Quality Control System for Cylinder Manufacturing Plants.....	61

Code for Facilities, Technology and Inspection for Manufacturing of Cryogenic Gas Cylinders

1. General

1.1 Scope

This Code applies to facilities, technology and inspection for manufacturing of cryogenic gas cylinders (cylinders to be filled with liquefied gas of which temperature is not over -50°C and thermally insulated with insulation materials and/or refrigerated by refrigerators to keep the gas temperature in them within their normal temperature; hereinafter referred to as "cylinders") manufactured by welding among cylinders in conformity to the High-Pressure Gas Safety Control Act (hereinafter referred to as "the Act"), Article 3, Clause 2.

1.2 Validity of Code

1.2.1 This Code has passed the deliberation and resolution by Gas Technical Standards Committee (Bill No. 2018-10, December 14, 2018) in accordance with the Act, Article 22-2, Clause 2, has been approved by the Minister of Knowledge Economy (Notification No. 2019-026 of the Ministry of Trade, Industry & Energy, January 16, 2019), and is valid and effective as the detailed standards in conformity to the Act, Article 22-2, Clause 1.

1.2.2 Conformity to this Code is deemed to conform to Table 10 of the Enforcement Rule of the High-Pressure Gas Safety Control Act (hereinafter referred to as "Enforcement Rule") in accordance with the Act, Article 22-2, Clause 4.

1.3 Reference Codes and Standards

1.3.1 Inspection standard for new technology products

1.3.1.1 In case the Minister of Trade, Industry & Energy acknowledges that the cylinders do not meet